

**INVENTORSHIP DECLARATION BY JOINT INVENTORS**

I HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MICROELECTRONIC DEVICES HAVING CONDUCTIVE COMPLEMENTARY  
STRUCTURES AND METHODS OF MANUFACTURING MICROELECTRONIC DEVICES  
HAVING CONDUCTIVE COMPLEMENTARY STRUCTURES**

the specification of which:

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 USC §119(a)-(d) or (f), §172, or §365(a)-(b) of any foreign or international application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B hereof any such foreign or international application having a filing date before that of the application of which priority is claimed.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I understand that the execution of this document does not in itself establish an attorney-client relationship between the undersigned and Perkins Coie LLP, or any of its attorneys.

**INVENTORSHIP DECLARATION BY JOINT INVENTORS**

**PART A: INVENTOR INFORMATION AND SIGNATURE**

Full name of FIRST inventor: Peter A. Benson

Citizenship: USA Mailing Address: 2188 White Pine Place  
Boise, Idaho 83706

Residence (if different): \_\_\_\_\_

Inventor's Signature: Peter A. Benson Date: 11/06/03

Full name of SECOND inventor: William M. Hiatt

Citizenship: USA Mailing Address: 1137 West Stafford Drive  
Eagle, Idaho 83616

Residence (if different): \_\_\_\_\_

Inventor's Signature: Wm. Hiatt Date: 11.06.03

**INVENTORSHIP DECLARATION BY JOINT INVENTORS**

**PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER**  
**35 U.S.C. §119(a)-(d) or (f), §172, or §365(a)-(b)**

<u>Country</u>	<u>App. No.</u>	<u>Filing Date</u>	<u>Priority Not Claimed</u>
			<input type="checkbox"/>
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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: PETER A. BENSON AND  
WILLIAM M. HIATT

FILED: CONCURRENTLY HEREWITH

FOR: **MICROELECTRONIC DEVICES HAVING  
CONDUCTIVE COMPLEMENTARY  
STRUCTURES AND METHODS OF  
MANUFACTURING MICROELECTRONIC  
DEVICES HAVING CONDUCTIVE  
COMPLEMENTARY STRUCTURES**

**Power of Attorney by Assignee and Certification**  
**Under 37 C.F.R. § 3.73(b)**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, by virtue of an Assignment filed concurrently herewith, appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 C.F.R. § 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints

STEPHEN E. ARNETT, Registration No. 47,392  
RODGER K. CARREYN, Registration No. 50,774  
BRIAN R. COLEMAN, Registration No. 39,145  
CHRISTOPHER DALEY-WATSON, Registration No. 34,807  
PETER J. DEHLINGER, Registration No. 28,006  
DAVID BOGART DORT, Registration No. 50,213

DAVID T. DUTCHER, Registration No. 51,638  
LEEANN GORTHEY, Registration No. 37,337  
JOSEPH HAMILTON, Registration No. 51,770  
PAUL L. HICKMAN, Registration No. 28,516  
EDWARD S. HOTCHKISS, Registration No. 33,904  
STEVEN KELLEY, Registration No. 43,449  
JONATHAN P. KUDLA, Registration No. 47,724  
STEVEN D. LAWRENZ, Registration No. 37,376  
JACQUELINE F. MAHONEY, Registration No. 48,390  
SHAILESH MEHRA, Registration No. 44,934  
JUDY M. MOHR, Registration No. 38,563  
CHUN M. NG, Registration No. 36,878  
NGUYEN H. NGUYEN, Registration No. 43,834  
REBEKKA C. NOLL, Registration No. 46,962  
KENNETH H. OHRINER, Registration No. 31,646  
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LARRY W. THROWER, Registration No. 47,994  
GLENN E. VON TERSCH, Registration No. 41,364  
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MICHAEL J. WISE, Registration No. 34,047  
ROBERT G. WOOLSTON, Registration No. 37,263  
JAMES J. ZHU, Registration No. 52,396  
all affiliated with Perkins Coie LLP; and

MICHAEL L. LYNCH, Reg. No. 30,871  
CHARLES B. BRANTLEY, II, Reg. No. 38,086  
RUSS SLIFER, Reg. No. 39,838  
all affiliated with Micron Technology, Inc.

Direct all telephone calls to David T. Dutcher at (206) 359-6465. Address all correspondence to:

Customer No. 25096  
Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
(206) 359-8000

In accordance with 37 C.F.R. § 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC § 1001 and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

ASSIGNEE: MICRON TECHNOLOGY, INC.

Signature: 

Typed Name: Michael L. Lynch

Title: Chief Patent Counsel

Date: 11-12-2003

Address: 8000 South Federal Way

P.O. Box 6

Boise, Idaho 83706-9632

## ASSIGNMENT

# COPY

THIS ASSIGNMENT is by Peter A. Benson and William M. Hiatt (the "Assignors"), residing at 2188 White Pine Place, Boise, Idaho 83706; and 1137 West Stafford Drive, Eagle, Idaho 83616, respectively. We Assignors have invented one or more certain inventions (the "Invention(s)") described in a United States Patent Application entitled "MICROELECTRONIC DEVICES HAVING CONDUCTIVE COMPLEMENTARY STRUCTURES AND METHODS OF MANUFACTURING MICROELECTRONIC DEVICES HAVING CONDUCTIVE COMPLEMENTARY STRUCTURES" (the "Application") and ☒ executed concurrently herewith; or ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_. We Assignors authorize the Assignee, identified below, or its representatives to insert the application number of the Application when known.

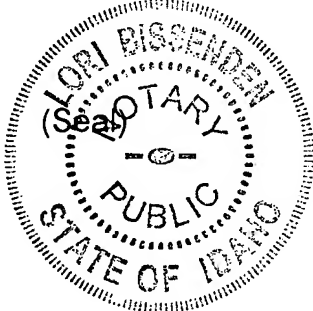
Micron Technology, Inc., a corporation of the State of Delaware having a place of business at 8000 South Federal Way, P.O. Box 6, Boise, Idaho 83706-9632 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are joint owners of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue

any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date: 11/06/03Peter A. Benson  
Peter A. BensonSTATE OF Idaho  
COUNTY OF Ada

On November 6, 2003 before me, Lori Bissenden, personally appeared Peter A. Benson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



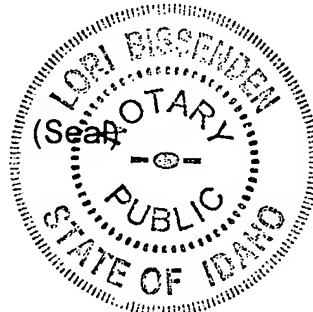
WITNESS my hand and official seal.

Lori Bissenden  
Signature

\*\*\*\*\*

Date: 11-06-03William M. Hiatt  
William M. HiattSTATE OF Idaho  
COUNTY OF Ada

On November 6, 2003 before me, Lori Bissenden, personally appeared William M. Hiatt, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Lori Bissenden  
Signature